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## FIELD ENGINEERS REPORT

Date January 4, 1943

Engineer Earl F. Hastings

Docket No.

C-ND-Phx 112

December 30, 1942

December 2, 1942

January 4, 1943

1. Name and address of applicant (correspondent):  
Arthur T. Lietzow, Kingman, Arizona.
2. Character of project and estimated cost thereof:  
Lead-zinc-silver. To reopen and repair tunnel No. 3 from portal to face 60 ft. SE of Station W3 via X-cut beginning westerly from Station T-5, a total distance of approximately 810 feet to expose ore shoot between Station X-2 and face of drift. \$5,000.
3. Location of property:  
Wallapai Mining District near the old camp of Cerbat, Mohave County, Arizona.
4. Applicant's interest in or ownership of property:  
Applicant and his sister are owners. Applicant has lease on his sister's share.
5. Loan requested:  
\$5,000.
6. Loan recommended:  
\$5,000.
7. Comments:  
(A) While extensive work has been done on the property, only a small production has been obtained. This consists of some 600 tons of high grade lead ore. The major development is not on ore shoots and consists of long adits and crosscuts.  
(B) All three tunnels have encountered the "main" ore shoot which has a length of 175 feet and is 5 to 6 feet in width with a high grade streak on each wall. The hanging wall streak is 1 to 3 feet in width and constitutes the major vein mineralization.  
This shoot has been mined from the Middle Tunnel to the Upper Tunnel for a length of 100 feet and is exposed in its downward continuation by a winze and some underhand stoping. Three feet of steel galena is said to be in place at the lowest exposure.  
(C) The Lower Tunnel (No. 1) is 181 feet below the Middle Tunnel (No. 2), and 106 feet below the bottom of the winze, above referred to, and a 36 foot drift (not shown on map) therefrom. Thus considerable backs are to be obtained on the main shoot in making accessible the Lower Tunnel. No reference is made to the extent, width or grade of the shoot at this horizon, however, the mines so far developed in this area have not been bottomed nor lost appreciable value in

January 4, 1943

depth and it is therefor quite reasonable to assume a repetition of the conditions found above.

(D) Finances required for re-entry are difficult to judge. The tunnel has only been caved since mid 1943 and subsequent caving has probably not been extensive. The amount of material to be removed will not be great, although timber repairs and preventative timbering in sections not yet caved will no doubt absorb the greater portion of the loan. Any excess can, however, be beneficially utilized in raising on the ore shoot. It seems of doubtful wisdom, therefore, to reduce the amount of loan requested.

Very few material and equipment items other than timber will be required to rehabilitate and further develop this property.

(E) Attached to the docket is a brief report by Elgin B. Holt, Field Engineer, Department of Mineral Resources.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Assistant Director  
and Projects Engineer

*Mr Lane's Copy*

325 Heard Building  
Phoenix, Arizona  
June 1, 1944

TULLY - Asst Chief - Mining Division - Washington

Re: A. T. Lietzow - Docket No. C-ND-8020

I am enclosing herewith a  
Progress Report on the captioned  
project.

T. P. LANE  
Supervising Engineer

TPL:ep  
Encs

RECONSTRUCTION FINANCE CORPORATION  
MINING DIVISION  
PROGRESS REPORT OF SUPERVISING ENGINEER

*St. Louis Group*

Docket No. C-ND-8020 A. T. Lietzow  
Date of Visit - May 23, 1944  
Date of Report - June 1, 1944

I visited the borrower at his camp on May 23, 1944. As on my previous visit of October 13, 1943 (see Progress Report dated Nov. 25) there were no men employed at the mine and the borrower himself was not working and, similarly, the greater part of the conversation consisted of a long recital on the borrower's part of his quarrels with county officials, merchants and laborers, and his inability to obtain tires from the rationing board (the same tires for the same auto which was in dispute seven months ago.).

Mr. Frisbie inspected the mine in February of this year and since that time the borrower has extended a raise 16 feet and graded down the floor for some 50 feet in the end of his lower tunnel. He reported to me that the ore which was showing at 14 feet in the raise at the time of Mr. Frisbie's visit was blasted out in one round and that the face is now in waste material. The ore body which was mined in the upper levels apparently does not extend to the lower tunnel level except as short thin lenses and disconnected bunches which cannot be profitably mined because of their small size and lack of continuity. The borrower plans to continue the raise an estimated 80 feet to connect with a winze and stoped area on the level directly above the face of the raise.

The mine is on a steep mountain at some distance above the camp and in view of the small amount of work done, with negative results, since Mr. Frisbie's inspection and the fact that no work was in progress I did not consider that the job merited the time required to inspect it. In any event the chief problem at this project is the borrower. He is contentious and impractical and has shown little inclination toward work. It seems unlikely that any production will result from the loan.

T. P. LANE  
Supervising Engineer

Retrieved collar <sup>no compressor</sup>  
Built headframe + hoist house  
Pon hoist - bailed water from 10'  
250 to 15' below 12" 150' level

Retrieved collar <sup>no compressor</sup>  
Built headframe + hoist house  
Pon hoist - bailed water from 10'  
250 to 15' below 12" 150' level

above 250' to 15' below 12" 150' level

